

Table S17***S. sclerotiorum* and *B. cinerea* orthologs of appressorium-associated genes in *Magnaporthe oryzae*.**

<i>S. sclerotiorum</i>	<i>B. cinerea</i> B05.10	<i>B. cinerea</i> T4	<i>M. oryzae</i>	Function
SS1G_05586.1	BC1G_09439.1	BofuT4_P114010.1	<i>pls1</i> (MGG_12594.6)	appressorium penetration; tetraspanin
No ortholog	No ortholog	No ortholog	<i>mpg1</i> (MGG_10315.6)	adhesion; hydrophobin
No ortholog	No ortholog	No ortholog	<i>pth11</i> (MGG_05871.6)	appressorium differentiation; integral membrane protein
SS1G_11636.1 & SS1G_11637.1	BC1G_10952.1	BofuT4_P155910.1	<i>pde1</i> (MGG_00111.6)	no penetration hyphae; aminophospholipid translocase (APT) family of P-type ATPase
SS1G_01851.1	BC1G_02517.1	BofuT4_P109590.1	<i>emp1</i> (MGG_00527.6)	appressorium formation; extracellular matrix protein
SS1G_01602.1	BC1G_02467.1	BofuT4_P110100.1	<i>atg8</i> (MGG_01062.6)	penetration hyphae; autophagy
SS1G_13339.1	BC1G_14516.1	BofuT4_P076990.1	<i>pth2</i> (MGG_01721.6)	penetration hyphae; carnitine O-acetyl transferase
SS1G_07136.1	BC1G_10211.1	BofuT4_P086790.1	<i>mst12</i> (MGG_12958.6)	appressorium maturation; <i>steA</i> transcription factor
SS1G_00637.1	BC1G_06518.1	BofuT4_P051820.1	<i>chm1</i> (MGG_06320.6)	appressorium formation and penetration; PAK protein kinase
No ortholog	No ortholog	No ortholog	<i>mas1</i> [#] (<i>asg1;gas1</i>) (MGG_12337.6)	appressorium penetration
SS1G_10311.1	BC1G_13581.1	No ortholog	<i>mas2</i> [#] (MGG_04202.6)	appressorium penetration
SS1G_11468.1 & SS1G_04934.1	BC1G_08931.1 & BC1G_14711.1	BofuT4_P075230.1 & BofuT4_P017380.1	<i>mas3</i> [#] (MGG_11595.6)	uncharacterized
SS1G_00173.1	BC1G_06114.1	BofuT4_P142900.1	<i>mas3</i> [#] (MGG_00703.6)	uncharacterized
No ortholog	No ortholog	No ortholog	<i>cas1</i> (MGG_09875.6)	uncharacterized
SS1G_14237.1	BC1G_12619.1	BofuT4_P142900.1	<i>mas</i> -related (MGG_00992.6)	uncharacterized
No ortholog	No ortholog	No ortholog	<i>mas</i> -related (MGG_02253.6)	uncharacterized

[#]These genes are all annotated as "*mas3*" in the Broad genome site. The *mas1* and *mas2* designation were taken from Xue et al 2002. Plant Cell 14:2107-2119